

IMMUNE COMPLEX RECEPTOR

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Receptors are disclosed that are antibodies that exhibit a binding affinity for an immune complex of a monopeptidic antigen and an antibody for such antigen that is substantially greater than the binding affinity for the monopeptidic antigen or the antibody for the monopeptidic antigen apart from the immune complex. Normally, the monopeptidic antigen has a molecular weight less than 1500 and is an organic compound. The antibodies of the present invention find use in a method for determining a monopeptidic antigen in a sample suspected of containing such antigen. The method comprises forming an immune sandwich complex comprising the monopeptidic antigen or an analog thereof, a first monoclonal antibody that binds to the monopeptidic antigen, and a second monoclonal antibody that is an antibody of the present invention and detecting the immune sandwich complex; Compositions of matter and kits for use in conducting an assay in accordance with the invention as well as methods for producing the above receptors are also disclosed.

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